

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2457796
<b>Application Number:</b>	10591118
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7739
<b>Title of Invention:</b>	Process for cell culturing by continuous perfusion and alternating tangential flow
<b>First Named Inventor/Applicant Name:</b>	John Crowley
<b>Customer Number:</b>	23117
<b>Filer:</b>	Bryan H. Davidson/Brenda Coleman
<b>Filer Authorized By:</b>	Bryan H. Davidson
<b>Attorney Docket Number:</b>	4662-276
<b>Receipt Date:</b>	13-NOV-2007
<b>Filing Date:</b>	
<b>Time Stamp:</b>	09:36:35
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed	4662_276IDS.pdf	126944 <small>0de755275e05847121d5fa7c660c7fda167cd487ec</small>	no	3

**Warnings:**

**Information:**

This is not an USPTO supplied IDS fillable form

2	Foreign Reference	4662_276InternationalSearchReport.pdf	377712	no	8
			a591d03e64b21c7b3d3301a11b0b4401b779		
Warnings:					
Information:					
3	NPL Documents	4662_276Ref2Crowley.pdf	87283	no	1
			3e7406477b4519e207944e3d227431a0206050ab		
Warnings:					
Information:					
4	NPL Documents	4662_276RefCrowley.pdf	415157	no	6
			882db0be9b5214a32a3611fb33d2749c357239		
Warnings:					
Information:					
5	NPL Documents	4662_276RefFurey.pdf	321326	no	2
			66944073b03376cfe09b03eacfd9b14049f0a04		
Warnings:					
Information:					
6	NPL Documents	4662_276RefVoisard.pdf	1079273	no	15
			a8ba79c733139bb723a01a11b02de2001ac016db07		
Warnings:					
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Total Files Size (in bytes):			2407695		

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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.